

What is claimed is:

1           1. A shoulder dislocation acute-phase immobilization orthosis comprising:  
2           a support frame 1 integrally formed of a lightweight hard thick-plated  
3           material, with a width approximately greater than that of the forearm, comprising:  
4           a curved portion 3 which follows the shape of the abdominal part of a body and an  
5           arm supporting side face 5 of approximately the forearm length, which is integrally  
6           extended forward from one end of the curved portion 3 via a bent portion 4 and is  
7           bent at an appointed angle;  
8           an arm supporting member(s) 6 for immobilizing the forearm, provided on  
9           the arm supporting side face 5 of said support frame 1; and  
10          a wrap-around belt 2 made of a flexible material having a width identical to  
11          that of said support frame 1, provided with a surface fastener 8 for fitting said  
12          support frame 1 to the trunk part of a body.

1           2. The shoulder dislocation acute-phase immobilization orthosis as set  
2           forth in Claim 1, wherein  
3           said bent portion 4 can be plastically deformed by a bending force of both  
4           arms or more, and can change the angle of inclination of said arm support side  
5           face 5 within a prescribed angle range of  $-20^{\circ}\sim 30^{\circ}$ .

1           3. The shoulder dislocation acute-phase immobilization orthosis as set  
2           forth in Claim 1 or 2, wherein  
3           said arm supporting member 6 can be detachably fixed to said arm  
4           supporting side face 5 via a surface fastener 8.

1           4. A shoulder dislocation acute-phase immobilization orthosis comprising:  
2           a roughly triangular support block 10 formed of a lightweight hard synthetic  
3 resin material, with a width approximately greater than that of the forearm,  
4 comprising: a curved portion 3 which follows the shape of the abdominal part of a  
5 body; an arm supporting side face 5 of approximately the forearm length, which is  
6 extended forward from both ends of the curved portion 3 to create an angle of  
7 inclination within a range of 5°~10° outward from at least one flank side with  
8 respect to a surface extended forward in parallel with the flank; and an inclined  
9 front face 11 mated to said arm supporting side face 5 from the other flank side;  
10          an arm supporting member 6 for immobilizing the forearm, provided on  
11 said arm supporting side face 5; and  
12          a wrap-around belt 2 made of a flexible material having a width identical to  
13 that of said support block 10, provided with a surface fastener 8 for fitting said  
14 support block 10 to the trunk part of a body.

1           5. The shoulder dislocation acute-phase immobilization orthosis as set  
2 forth in Claim 4, wherein  
3          said arm supporting member 6 can be detachably fixed to said arm  
4 supporting side face 5 via a surface fastener 8.